PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

a **L**is

In re application of

Docket No: Q90987

Yoshikazu KAKURA, et al.

Appln. No.: Not yet assigned

Confirmation No.: Not yet assigned Group Art Unit: Not yet assigned

Filed: October 21, 2005 Examiner: Not yet assigned

For: CHANNEL ESTIMATION CIRCUIT AND CHANNEL ESTIMATION METHOD

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

- 1. Japanese Patent Publication No. 2000-261412, published September 22, 2000, with English abstract.
- 2. Japanese Patent Publication No. 2002-111542, published April 12, 2002, with English abstract.
- Japanese Patent Publication No. 2000-078110, published March 14, 2000, with English abstract.

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- Japanese Patent Publication No. 2000-134135, published May 12, 2000, with English abstract.
- Japanese Patent Publication No. 2911117, published April 9, 1999, with English abstract.
- Japanese Patent Publication No. 10-190522, published July 21, 1998, with English abstract.
- 7. Japanese Patent Publication No. 10-051424, published February 20, 1998, with English abstract.
- 8. Japanese Patent Publication No. 2002-094412, published March 29, 2002, with English abstract.
- 9. International Patent Publication No. 01/03309, published January 11, 2001.

 One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of the International Search report issued in the corresponding International Application citing references 1-5, indicating the degree of relevance found by the foreign patent office.

10/554097 JC12 Rec'd PGT/PTC 21 OCT 2005

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The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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WASHINGTON OFFICE 23373 CUSTOMER NUMBER

Date: October 21, 2005

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MODIFIED PTO/SB/08 A & B (06-03)

Substitute for Form 144	10 A & R/PTO	 		Complete if Karin 554097			
Substitute for Portin 144	13 A & B/1 10			Application Number	Not yet assigned		
INFO	RMATION	DISCLOS	SURE	Confirmation Number	Not yet assigned		
STAT	EMENT B	Y APPLIC	CANT	Filing Date	October 21, 2005		
<u> </u>				First Named Inventor	Yoshikazu KAKURA		
(use	e as many shee	ets as necessa	ıry)	Art Unit	Not yet assigned		
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Sheet	1	of	1	Attorney Docket Numbe	r Q90987		

	-		U.S.	PATENT DOCUM	ENTS
		Document	Number		
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.